



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Douglas S. McBain

FOR : **INTEGRAL INJECTION MOLDING AND
IN-MOLD COATING APPARATUS**

SERIAL NO. : 10/732,881

FILED : December 10, 2003

EXAMINER : Unknown

ART UNIT : Unknown

CONFIRMATION NO. : Unknown

ATTORNEY DOCKET NO. : OMNZ 2 00019

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed English language references require no further explanation. The enclosed foreign language references are included because they were cited by one or more patent offices in other commonly-owned applications generally relating to in-mold coating.

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☒ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or

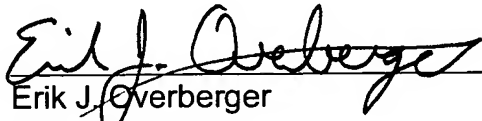
more prior applications from which the present application claims priority. These one or more prior applications are identified in the papers accompanying the filing of this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & MCKEE, LLP

March 10, 2004
Date


Erik J. Overberger
Reg. No. 48,556
1100 Superior Avenue
Seventh Floor
Cleveland, OH 44114-2518
216/861-5582

CERTIFICATE OF MAILING

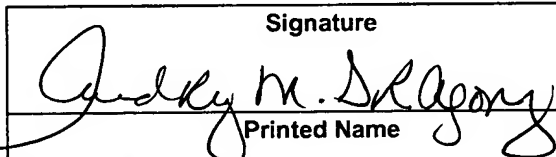
I certify that this Information Disclosure Statement and accompanying document(s) are being

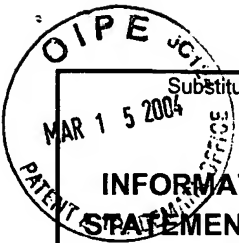
☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

☐ transmitted to facsimile number under 37 C.F.R. 1.8 on the date indicated below.

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Date
March 10, 2004

Signature

Printed Name
Audrey M. Dragony



Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) (Use as many sheets as necessary)	COMPLETE IF KNOWN	
	Application Number	10/732,881
	Filing Date	December 10, 2003
	First Named Inventor	Douglas S. McBain
	Art Unit	Unknown
Examiner Name	Unknown	
Sheet 1 of 5	Attorney Docket No.	OMNZ 2 00019

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-2,337,550	12/28/1943	Crosby	
	AB	US-4,076,788	02/28/1978	Ditto	
	AC	US-4,081,578	03/28/1978	van Essen et al.	
	AD	US-4,115,506	09/19/1978	Shima	
	AE	US-4,189,517	02/19/1980	Shanoski et al.	
	AF	US-4,207,049	06/10/1980	Malo et al.	
	AG	US-4,222,929	09/16/1980	Shanoski et al.	
	AH	US-4,316,869	02/23/1982	Van Gasse	
	AI	US-4,331,735	05/25/1982	Shanoski	
	AJ	US-4,350,739	09/21/1982	Mohiuddin	
	AK	US-4,366,109	12/28/1982	Svoboda	
	AL	US-4,389,358	06/21/1983	Hendry	

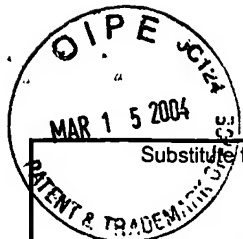
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
	AM	EP 0 733 668 B1	09/1996			
	AN	EP 0 934 808 B1	08/1999			
	AO	EP 0 625 418 B1	03/2000			
	AP	EP 1 207 031 A1	05/2002			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
	AQ	Chlorocarbons and Chlorohydrocarbons – C ₂ to Combustion Technology, Kirk-Othmer <u>Encyclopedia of Chemical Technology</u> , Fourth Edition, Volume 6, (1993), pp. 676-690.	
	AR	International Search Report pertaining to International Application No. PCT/US03/10256.	
	AS	Patent Abstract, Vol. 018, No. 094, 16 February 1994.	
	AT	Patent Abstract, Vol. 1997, No. 06, 30 June 1997.	
	AU	The Sabreen Group, Inc.'s "Preparing Plastics for Painting" article.	
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Examiner Signature		Date Considered	
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	BA	US-4,414,173	11/08/1983	Cobbledick et al.	
	BB	US-4,515,710	05/07/1985	Cobbledick	
	BC	US-4,668,460	05/26/1987	Ongena	
	BD	US-4,711,602	12/08/1987	Baker	
	BE	US-4,783,298	11/08/1988	Oda	
	BF	US-4,798,697	01/17/1989	Nohara et al.	
	BG	US-4,840,553	06/20/1989	Arai	
	BH	US-4,921,669	05/01/1990	Vetter et al.	
	BI	US-4,931,234	06/05/1990	Schad et al.	
	BJ	US-4,950,154	08/21/1990	Moberg	
	BK	US-4,963,312	10/16/1990	Muller	
	BL	US-5,053,177	10/01/1991	Vetter et al.	

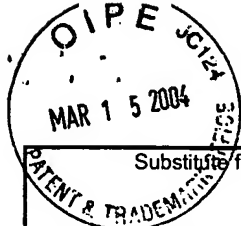
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		Country Code-Number Kind Code (if known)				
	BM	FR 2 395 135	01/1979			
	BN	FR 2 729 886	08/1996			
	BO	FR 2 781 715	07/1998			
	BP	FR 2 781 715 (Eng. Trans.)	07/1998			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	CA	US-5,084,353	01/28/1992	Cobbledick et al.	
	CB	US-5,132,052	07/21/1992	Cobbledick et al.	
	CC	US-5,359,002	10/25/1994	Cobbledick et al.	
	CD	US-5,391,399	02/21/1995	Cobbledick et al.	
	CE	US-5,496,509	03/05/1996	Yamamoto et al.	
	CF	US-5,562,979	10/08/1996	Easterlow et al.	
	CG	US-5,614,581	03/25/1997	Cobbledick et al.	
	CH	US-5,632,949	05/27/1997	Fisher et al.	
	CI	US-5,639,403	06/17/1997	Ida et al.	
	CJ	US-5,658,672	08/19/1997	Lenke et al.	
	CK	US-5,736,090	04/07/1998	Yamamoto et al.	
	CL	US-5,777,053	07/07/1998	McBain et al.	

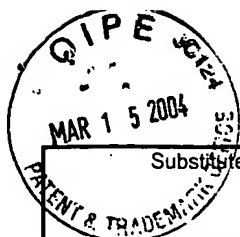
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		Country Code-Number Kind Code (if known)				
	CM	JP 04 125118	04/1992			
	CN	JP 05 301251	11/1993			
	CO	JP 09 048044	02/1997			
	CP	JP 09 052262	02/1997			

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	DA	US-5,849,168	12/15/1998	Lutz	
	DB	US-5,882,559	03/16/1999	Eckardt et al.	
	DC	US-5,902,534	05/11/1999	Fujishiro et al.	
	DD	US-5,906,788	05/25/1999	Boeckler	
	DE	US-5,925,386	07/20/1999	Moberg	
	DF	US-6,174,158	01/16/2001	Seres, Jr. et al.	
	DG	US-6,180,043	01/30/2001	Yonemochi et al.	
	DH	US-6,261,075	07/17/2001	Lee et al.	
	DI	US-6,287,488	09/11/2001	Dougherty et al.	
	DJ	US-6,328,920	12/11/2001	Uchiyama et al.	
	DK	US-6,409,955	06/25/2002	Schmitt et al.	
	DL	US-6,558,599	05/06/2003	Bethune	

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		Country Code-Number Kind Code (if known)				
	DM	JP 11 333850	12/1999			
	DN	PCT/CA01/00534	04/2001			
	DO	WO 95 13177	05/1995			
	DP	WO 01 07230	02/2001			

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	EA	US-S/N 60/198,691	04/20/2001	Brett	
	EB	US-			
	EC	US-			
	ED	US-			
	EE	US-			
	EF	US-			
	EG	US-			
	EH	US-			
	EI	US-			
	EJ	US-			
	EK	US-			
	EL	US-			

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	EM	WO 01 81065	11/2001			
	EN	WO 03 035354	05/2003			
	EO					
	EP					

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